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United States Patent [19]

Barr et al.

[11] Patent Number:

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[45] Date of Patent:

Oct. 24, 1995

[54] EXPRESSION OF PACE IN HOST CELLS AND METHODS OF USE THEREOF

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[21] Appl. No.: 885,972

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Related U.S. Application Data

[63]	Continuation in part of Ser. No. 621,092, Nov. 26, 1990.
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[52]	U.S. Cl	435/69.1; 435/69.6; 435/219;
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[58]	Field of Search	435/69.1, 219,

435/226, 252.3, 320.1; 536/23.2

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57] ABSTRACT

Compositions and methods are provided for endopeptidase production and for enhanced efficiencies of processing heterologous precursor polypeptides to mature polypeptides, including proteins requiring gamma-carboxylation for biological activity. These compositions and methods utilize recombinant PACE, a mammalian endopeptidase that is specific for dibasic amino acid sites.

60 Claims, 12 Drawing Sheets